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**Takabayashi et al.**

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(54) **SCINTILLATOR PANEL, RADIATION  
IMAGE SENSOR, AND METHODS OF  
MAKING THE SAME**

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250/483.1; 385/128**

(58) **Field of Search** ..... **250/370.11, 458.1,  
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(57) **ABSTRACT**

A scintillator panel (2) comprises a radiation-transparent  
substrate (10), a flat resin film (12) formed on the substrate  
(10), a reflecting film (14) formed on the flat resin film (12),  
a deliquescent scintillator (16) formed on the reflecting film  
(14), and a transparent organic film (18) covering the  
scintillator (16).

**24 Claims, 5 Drawing Sheets**

**X-RAY**

